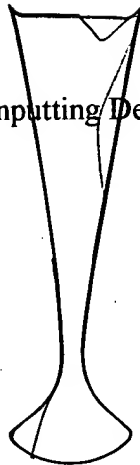Application/Control Number: 09/835,884

Title of Invention: Key-Surround Module Inputting Device

Inventor: Arthur H. Sarkissian

Art Unit: 2673

Examiner: Lun-yi Lao

October 5, 2002

Dear Mrs. Lao:

     Please find herein enclosed the following re-drafted sections: Claims 20 through 88 (which replace claims 1 through 19 which I am hereby cancelling as we discussed). The Brief Description of the Drawings, Description of the Illustrated Embodiment, and the Drawings will follow shortly as we discussed today.

     Please call me on (917) 539-9858 on any matter.

Very truly yours,

Arthur.

I claim:

20. A key-surround module inputting device for inputting data including controls to a computer or other equipment comprising of:

a middle key having inputting means for inputting data including controls to a computer or other equipment, and

a key-surround key which surrounds to an extent said middle key and which has inputting means for inputting data including controls to a computer or other equipment, and

a support means for supporting said middle key and said key-surround key such that one nests within the other.

21. The key-surround module inputting device according to claim **20** wherein said key-surround key is a floating plural direction pivotable key having a plurality of actuating constructs .

22. The key-surround module inputting device according to claim **20** wherein said key-surround key is a floating plural direction pivotable key having a plurality of actuating constructs which enable inputting of a plurality of conventional Qwerty keyboard key-values.

23. The key-surround module inputting device according to claim **20** wherein said key-surround key is a key-arrangement key-surround key having a plurality of actuating constructs which enable inputting of a plurality of conventional Qwerty keyboard key-values.

24. A key-surround module inputting device for inputting data including controls to a computer or other equipment comprising of:

a middle key having inputting means for inputting data including controls to a computer or other equipment, and

a key-surround key which surrounds to an extent said middle key and which has inputting

means for inputting data including controls to a computer or other equipment, and

a support means for supporting said middle key and said key-surround key such that one

nests within the other, where said support means has a base with tracks which allow movement of

said middle key and said key-surround key in a plurality of direction, and, has sliding washers

which allow rotation of said middle key and said key-surround key in a plurality of direction

individually and in unison.

25. The key-surround module inputting device according to claim **24** wherein said key-surround

key is a floating plural direction pivotable key having a plurality of actuating constructs.

26. The key-surround module inputting device according to claim **24** wherein said key-surround

key is a key-arrangement key-surround key having a plurality of actuating constructs.

27. The key-surround module inputting device according to claim **24** wherein said middle key is a

cursor navigating device.

28. The key-surround module inputting device according to claim **27** wherein said key-surround

key is a floating plural direction pivotable key having a plurality of actuating constructs.

29. The key-surround module inputting device according to claim **27** wherein said key-surround

key is a key-arrangement key-surround key having a plurality of actuating constructs.

30. A key-surround module inputting device for inputting data including controls to a computer

or other equipment comprising of:

a middle key having inputting means for inputting data including controls to a computer or

other equipment, and

a first key-surround key which surrounds to an extent said middle key, and, where said

first key-surround key has inputting means for inputting data including controls to a computer or

other equipment, and

a second key-surround key which surrounds to an extent said middle key, and, where said second key-surround has inputting means for inputting data including controls to a computer or other equipment, and

a third key-surround key which surrounds to an extent said middle key, and, where said third key-surround key has inputting means for inputting data including controls to a computer or other equipment, and

a support means for supporting said middle key, said first key-surround key, said second key-surround key, said third key-surround key such that one nests within the other.

31. The key-surround module inputting device according to claim **30** wherein said key-surround keys are floating plural direction pivotable keys having a plurality of actuating constructs.

32. The key-surround module inputting device according to claim **30** wherein said key-surround keys are key-arrangement key-surround keys having a plurality of actuating constructs.

33. The key-surround module inputting device according to claim **30** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

34. A key-surround module inputting device for inputting data including controls to a computer or other equipment comprising of:

a middle key having inputting means for inputting data including controls to a computer or other equipment, and

a first key-surround key which surrounds to an extent said middle key, and, where said first key-surround key has inputting means for inputting data including controls to a computer or

other equipment, and

a second key-surround key which surrounds to an extent said middle key, and, where said second key-surround has inputting means for inputting data including controls to a computer or other equipment, and

a third key-surround key which surrounds to an extent said middle key, and, where said third key-surround key has inputting means for inputting data including controls to a computer or other equipment, and

a support means for supporting said middle key, said first key-surround key, said second key-surround key, said third key-surround key such that one nests within the other, where said support means has a base with tracks which allow movement of said middle key, said first key-surround key, said second key-surround key, said third key-surround key in a plurality of direction, and, has sliding washers which allow rotation of said middle key, said first key-surround key, said second key-surround key, said third key-surround key in a plurality of direction independently and in unison.

35. The key-surround module inputting device according to claim **34** wherein said key-surround keys are floating plural direction pivotable keys having a plurality of actuating constructs.

36. The key-surround module inputting device according to claim **34** wherein said key-surround keys are key-arrangement key-surround keys having a plurality of actuating constructs.

37. The key-surround module inputting device according to claim **34** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

38. A key-surround module inputting device for inputting data including controls to a computer

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or other equipment comprising of:

a plurality of middle keys having inputting means for inputting data including controls to a computer or other equipment, and

a first key-surround key which surrounds to an extent said plurality of middle keys, and, where said first key-surround key has an inputting means for inputting data including controls to a computer or other equipment, and

a second key-surround key which surrounds to an extent said plurality of middle keys, and, where said second key-surround key has an inputting means for inputting data including controls to a computer or other equipment, and

a third key-surround key which surrounds to an extent said plurality of middle keys, and, where said third key-surround key has an inputting means for inputting data including controls to a computer or other equipment, and

a support means for supporting said plurality of middle keys, said first key-surround key, said second key-surround key, said third key-surround key such that one nests within the other.

39. The key-surround module inputting device according to claim **38** wherein said key-surround keys are floating plural direction pivotable keys having a plurality of actuating constructs.

40. The key-surround module inputting device according to claim **38** wherein said key-surround keys are key-arrangement key-surround keys having a plurality of actuating constructs.

41. The key-surround module inputting device according to claim **38** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

42. A key-surround module inputting device for inputting data including controls to a computer

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or other equipment comprising of:

a plurality of middle keys having inputting means for inputting data including controls to a computer or other equipment, and

a first key-surround key which surrounds to an extent said plurality of middle keys, and, where said first key-surround key has an inputting means for inputting data including controls to a computer or other equipment, and

a second key-surround key which surrounds to an extent said plurality of middle keys, and, where said second key-surround key has an inputting means for inputting data including controls to a computer or other equipment, and

a third key-surround key which surrounds to an extent said plurality of middle keys, and, where said third key-surround key has an inputting means for inputting data including controls to a computer or other equipment, and

a support means for supporting said middle key, said first key-surround key, said second key-surround key, said third key-surround key such that one nests within the other, where said support means has a base with tracks which allow movement of said plurality of middle keys, said first key-surround key, said second key-surround key, said third key-surround key in a plurality of direction, and, has sliding washers which allow rotation of said middle key, said first key-surround key, said second key-surround key, said third key-surround key in a plurality of direction independently and in unison.

43. The key-surround module inputting device according to claim **42** wherein said key-surround keys are floating plural direction pivotable keys having a plurality of actuating constructs.

44. The key-surround module inputting device according to claim **42** wherein said key-surround

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keys are key-arrangement key-surround keys having a plurality of actuating constructs.

45. The key-surround module inputting device according to claim **42** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

46. A key-surround module inputting device for inputting data including controls to a computer or other equipment comprising of:

a plurality of rest-position middle keys having inputting means for inputting data including controls to a computer or other equipment, and

a plurality of key-surround keys which surrounds to an extent said plurality of middle keys, where said plurality of key-surround keys surrounds said plurality of middle keys such that all key-values of said plurality of rest-position middle keys and all key-values of said plurality of key-surround keys inputted by the same inputting finger are in proximity to one another, and, where said plurality of key-surround keys has inputting means for inputting data including controls to a computer or other equipment, and

a plurality of key modules each having one key-value, and, having inputting means with a plurality of actuating constructs for inputting data including controls to a computer or other equipment, and

a nesting module having a middle key and a plurality of key-surround keys, where said middle key is a cursor navigating device and where said middle key and said key-surround keys have inputting means for inputting data including controls to a computer or equipment, and, where said nesting module has a support means for supporting said middle key and said plurality of key-surround keys such that one nests within the other, and

a support means for supporting said plurality of middle keys and said plurality of key-surround keys in nesting configuration, and, a support means for supporting said key modules and said nesting module in proximity to said plurality of middle keys and to said plurality of key-surround keys on the surface of the key-surround module inputting device.

47. The key-surround module inputting device according to claim **46** wherein said key-surround keys are floating plural direction pivotable keys having a plurality of actuating constructs.

48. The key-surround module inputting device according to claim **46** wherein said key-surround keys are key-arrangement key-surround keys having a plurality of actuating constructs.

49. The key-surround module inputting device according to claim **46** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

50. A key-surround module inputting device for inputting data including controls to a computer or other equipment comprising of:

a plurality of middle keys having inputting means for inputting data including controls to a computer or other equipment, and

a plurality of key-surround keys which surrounds to an extent said plurality of middle keys, where said plurality of key-surround keys surrounds said plurality of middle keys such that all key-values of said plurality of rest-position middle keys and all key-values of said plurality of key-surround keys inputted by the same inputting finger are in proximity to one another, and, where said plurality of key-surround keys has inputting means for inputting data including controls to a computer or other equipment, and

a plurality of key modules each having one key-value, and, having inputting means with a

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plurality of actuating constructs for inputting data including controls to a computer or other equipment, and

a nesting module having a middle key and a plurality of key-surround keys, where said middle key is a cursor navigating device and where said middle key and said key-surround keys have inputting means for inputting data including controls to a computer or equipment, and, where said nesting module has a support means for supporting said middle key and said plurality of key-surround keys such that one nests within the other, and

a support means for supporting said plurality of middle keys and said plurality of key-surround keys in nesting configuration, and, a support means for supporting said key modules and said nesting module in proximity to said plurality of middle keys and to said plurality of key-surround keys, and, where said support means has a base with tracks which allow movement of said plurality of middle keys, said plurality of key-surround keys, said key modules and said nesting module in a plurality of direction, and, where said support means has sliding washers which allow rotation of said plurality of middle keys and said plurality of key-surround keys in a plurality of direction independently and in unison.

51. The key-surround module inputting device according to claim **50** wherein said key-surround keys are floating plural direction pivotable keys having a plurality of actuating constructs.

52. The key-surround module inputting device according to claim **50** wherein said key-surround keys are key-arrangement key-surround keys having a plurality of actuating constructs.

53. The key-surround module inputting device according to claim **50** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

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54. A key-surround module inputting device for inputting data including controls to a computer or other equipment comprising of:

A plurality of eight nesting modules from left to right on the surface of the key-surround module inputting keyboard device in the following order:

a first nesting module having a middle key with the key-values for "A" and inputting means for inputting data including controls to a computer or equipment, and, a first key-surround key having the key-values for "Q", "Z", "Tab", "CapsLock" and "Shift" which surrounds to an extent said middle key and which has inputting means for inputting data including controls to a computer or other equipment, and, a second key-surround key having the key-values for "1", "!", "@", "2","Shift", "Ctrl", "~" and "", and which surrounds to an extent said middle key and said first key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, a third key-surround key having the key-values for "Esc" and "F1", which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and a support means for supporting said middle key and said key-surround key such that one nests within the other, where said support means allows movement and rotation of said middle key and said key-surround key in a plurality of direction, individually and in unison and,

a second nesting module having a middle key with the key-values for "S" and inputting means for inputting data including controls to a computer or equipment, and, a first key-surround key having the key-values for "W" and "X", which surrounds to an extent said middle key and which has inputting means for inputting data including controls to a computer or equipment, and,

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a second key-surround key having the key-values for "#", "3" and "Alt", and which surrounds to an extent said middle key and said first key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, a third key-surround key having the key-value "F2", and which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, a support means for supporting said middle key, said first key-surround key, said second key-surround key, said third key-surround key such that one nests within the other, where said support means allows movement and rotation of said middle key and said key-surround key in a plurality of direction individually and in unison, and

a third nesting module having a middle key with the key-values for "D" and inputting means for inputting data including controls to a computer or equipment, and, a first key-surround key having the key-values for "E" and "C", which surround to an extent said middle key and which has inputting means for inputting data including controls to a computer or equipment, and, a second key-surround key having the key-values for "$"and "4", and which surrounds to an extent said middle key and said first key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, a third key-surround key having the key-value for "F3", and which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, a support means for supporting said middle key and said key-surround key such that one nests within the other, where said support means allows movement and rotation of said middle key and said key-surround key in a

plurality of direction individually and in unison, and

a fourth nesting module having a middle key with the key-values for "F" and inputting means for inputting data including controls to a computer or equipment, and, a first key-surround key having the key-values for "R", "T", "G", "B", "V", which surround to an extent said middle key and which has inputting means for inputting data including controls to a computer or equipment, and, a second key-surround key having the key-values for "%", "5", "^" and "6" which surrounds to an extent said middle key and said first key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, a third key-surround key having the key-values for "F4" and "F5", and which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and a support means for supporting said middle key, said first key-surround key, said second key-surround key, said third key-surround key such that one nests within the other, where said support means allows movement and rotation of said middle key and said key-surround key in a plurality of direction individually and in unison, and

a fifth nesting module having a middle key with the key-values for "J" and inputting means for inputting data including controls to a computer or equipment, and, a first key-surround key having the key-values for "U", "Y", "H", "N", "M", which surround to an extent said middle key and which has inputting means for inputting data including controls to a computer or equipment, and, a second key-surround key having the key-values for "7" and "&", and which surrounds to an extent said middle key and said first key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, a third key-surround key

having the key-value for "F6" and "F7", and which surrounds to an extent said middle key, said

first key-surround key and said second key-surround key, and, which has inputting means for

inputting data including controls to a computer or other equipment, and, a support means for

supporting said middle key, said first key-surround key, said second key-surround key, said third

key-surround key such that one nests within the other, where said support means allows

movement and rotation of said middle key and said key-surround key in a plurality of direction

individually and in unison, and

a sixth nesting module having a middle key with the key-values for "K" and inputting

means for inputting data including controls to a computer or equipment, and, a first key-surround

key having the key-values for "I", "<" and ",", which surround to an extent said middle key and

which has inputting means for inputting data including controls to a computer or equipment, and,

a second key-surround key having the key-values for "*" and "8", and which surrounds to an

extent said middle key and said first key-surround key, and, which has inputting means for

inputting data including controls to a computer or other equipment, and, a third key-surround key

having the key-value for "F8", and which surrounds to an extent said middle key, said first key-

surround key and said second key-surround key, and, which has inputting means for inputting

data including controls to a computer or other equipment, and, a support means for supporting

said middle key, said first key-surround key, said second key-surround key, said third key-

surround key such that one nests within the other, where said support means allows movement

and rotation of said middle key and said key-surround key in a plurality of direction individually

and in unison, and

a seventh nesting module having a middle key with the key-values for "L" and inputting

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means for inputting data including controls to a computer or equipment, and, a first key-surround

key having the key-values for "O", ">" and "." , which surround to an extent said middle key and

which has inputting means for inputting data including controls to a computer or equipment, and,

a second key-surround key having the key-values for "(" and "9", and which surrounds to an

extent said middle key and said first key-surround key, and, which has inputting means for

inputting data including controls to a computer or other equipment, and, a third key-surround

key having the key-value for "F9", and which surrounds to an extent said middle key, said first

key-surround key and said second key-surround key, and, which has inputting means for inputting

data including controls to a computer or other equipment, and, a support means for supporting

said middle key, said first key-surround key, said second key-surround key, said third key-

surround key such that one nests within the other, where said support means allows movement

and rotation of said middle key and said key-surround key in a plurality of direction individually

and in unison, and

an eighth nesting module having a middle key with the key-values for ";", and inputting

means for inputting data including controls to a computer or equipment, and, a first key-surround

key having the key-values for "P", "{", "[", "}", "]", "|", "\", """", "“"" , "?", "/", which surround

to an extent said middle key and which has inputting means for inputting data including controls

to a computer or equipment, and, a second key-surround key having the for ")", "0", "-", "_",

"+", "=", "Shift", "Backspace", "Ctrl" and "Esc", and which surrounds to an extent said middle

key and said first key-surround key, and, which has inputting means for inputting data including

controls to a computer or other equipment, and ,a third key-surround key having the key-values

for "F10", "F11" and "F12", and which surrounds to an extent said middle key, said first key-

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surround key and said second key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, a support means for supporting said middle key, said first key-surround key, said second key-surround key, said third key-surround key such that one nests within the other, where said support means allows movement and rotation of said middle key and said key-surround key in a plurality of direction individually and in unison, and

a ninth nesting module having a middle cursor navigating device and inputting means for inputting data including controls to a computer or equipment, and, a first key-surround key having the key-values for "Home", "PgUp", "PgDn", and "End", which surrounds to an extent said middle key and which has inputting means for inputting data including controls to a computer or equipment, and, a second key-surround key having the key-values for "Up", "Down", "Left" and "Right", and which surrounds to an extent said middle key and said first key-surround key, a third key-surround key having the key-value for "Enter", and which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, a support means for supporting said middle key, said first key-surround key, said second key-surround key, said third key-surround key such that one nests within the other, where said support means allows movement and rotation of said middle key and said key-surround key in a plurality of direction individually and in unison, and

a plurality of key modules consisting of middle keys having the key-values for more frequently used keys such as "Enter", "Space", "Backspace", "Shift", and "Esc", and inputting means for inputting data including controls to a computer or other equipment, and

a base means for supporting from left to right said first, second, third, fourth, fifth, sixth, seventh and eighth nesting modules on the key-surround module inputting device, and for supporting said ninth nesting module and said plurality of key modules in proximity to said first through eighth nesting modules, where said base means provides movement and rotation of said nesting modules in a plurality of direction individually, in groups and in unison.

55. The key-surround module inputting device according to claim **54** wherein said key-surround keys are floating plural direction pivotable keys having a plurality of actuating constructs.

56. The key-surround module inputting device according to claim **54** wherein said key-surround keys are key-arrangement key-surround keys having a plurality of actuating constructs.

57. The key-surround module inputting device according to claim **54** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

58. The key-surround module inputting device according to claim **54** wherein said base means, having a plurality of tracks, supports said nesting modules in curved arrangement in two groups of four nesting modules from left to right with said first, second, third and fourth nesting modules as the first group, and, said fifth, sixth, seventh, and eighth nesting modules as the second group, where said ninth nesting module is supported with one of said two groups and said plurality of key modules is supported in proximity to said two groups.

59. The key-surround module inputting device according to claim **58** wherein said key-surround keys are floating plural direction pivotable keys having a plurality of actuating constructs.

60. The key-surround module inputting device according to claim **58** wherein said key-surround keys are key-arrangement key-surround keys having a plurality of actuating constructs.

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61. The key-surround module inputting device according to claim **58** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

62. A key-surround module inputting device for inputting data including controls to a computer or other equipment comprising of:

a plurality of two nesting modules from left to right on the surface of the key-surround module inputting keyboard device in the following order:

a first nesting module having from left to right on the nesting module a middle key with the key-values for "A" and inputting means for inputting data including controls to a computer or equipment, a middle key with the key-values for "S" and inputting means for inputting data including controls to a computer or equipment, a middle key with the key-values for "D" and inputting means for inputting data including controls to a computer or equipment and a middle key with the key-values for "F" and inputting means for inputting data including controls to a computer or equipment, and a first key-surround key having the key-values for "Q", "Z", "Tab","CapsLock" and "Shift", "W", "X", "E", "C", "R", "T", "G", "B", "V", and, where said first key-surround surrounds to an extent said middle keys and which has inputting means for inputting data including controls to a computer or other equipment, and a second key-surround key having the key-values for "1", "!", "@", "2","Shift", "Ctrl", "~", "`", "#", "3", "Alt", "$", "4", "%", "5", "^" and "6", and, where said second key-suround surrounds to an extent said middle keys and said first key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, a third key-surround key having the key-values for "Esc" and "F1", "F2", "F3", "F4", and "F5", and, where said third key-surround key

surrounds to an extent said middle keys, said first key-surround key and said second key-surround

key, and, which has inputting means for inputting data including controls to a computer or other

equipment, and a support means for supporting said middle key and said key-surround key such

that one nests within the other, where said support means allows movement and rotation of said

middle key and said key-surround key in a plurality of direction, individually and in unison, and

a second nesting module having from left to right a middle key with the key-values for "J"

and inputting means for inputting data including controls to a computer or equipment, a middle

key with the key-values for "K" and inputting means for inputting data including controls to a

computer or equipment, a middle key with the key-values for "L" and inputting means for

inputting data including controls to a computer or equipment and a middle key with the key-

values for ";" and inputting means for inputting data including controls to a computer or

equipment, and a first key-surround key having the key-values for "U", "Y", "H", "N", "M","T",

"<", ",","O", ">", "." "P", "{", "[", "}", "]", "|", "\", """", """ , "?", and "/", and, where said first

key-surround surrounds to an extent said middle keys and which has inputting means for inputting

data including controls to a computer or other equipment, and a second key-surround key having

the key-values for "7", "&", "*", "8", "(", "9", ")", "0", "-", "_", "+", "=", "Shift", "Backspace",

"Ctrl" and "Esc", and, where said second key-suround surrounds to an extent said middle keys

and said first key-surround key, and, which has inputting means for inputting data including

controls to a computer or other equipment, a third key-surround key having the key-values for

F6", "F7", "F8", "F9, "F10, "F11 and "F12", and, where said third key-surround key surrounds to

an extent said middle keys, said first key-surround key and said second key-surround key, and,

which has inputting means for inputting data including controls to a computer or other equipment,

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a third nesting module having a middle cursor and pointer navigating device and inputting

means for inputting data including controls to a computer or equipment, and, a first key-surround

key having the key-values for "Home", "PgUp", "PgDn", and "End", which surrounds to an

extent said middle key and which has inputting means for inputting data including controls to a

computer or equipment, and, a second key-surround key having the key-values for "Up",

"Down", "Left" and "Right", and which surrounds to an extent said middle key and said first key-

surround key, a third key-surround key having the key-value for "Enter", and which surrounds to

an extent said middle key, said first key-surround key and said second key-surround key, and,

which has inputting means for inputting data including controls to a computer or other equipment,

and, a support means for supporting said middle key, said first key-surround key, said second key-

surround key, said third key-surround key such that one nests within the other, where said

support means allows movement and rotation of said middle key and said key-surround key in a

plurality of direction individually and in unison, and

a plurality of key modules consisting of middle keys having the key-values for more

frequently used keys such as for "Enter", "Space", "Backspace", "Shift", and "Esc" on the

conventional keyboard of any language, and inputting means for inputting data including controls

to a computer or other equipment, and

a base means for supporting from left to right said first and second nesting modules on

the key-surround module inputting device, and supporting said third nesting module and said

plurality of key modules in proximity to said first through eighth nesting modules, while providing

for movement and rotation of said nesting modules in a plurality of direction individually, in

groups and in unison.

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63. The key-surround module inputting device according to claim **62** wherein said key-surround keys are key-arrangement key-surround keys having a plurality of actuating constructs.

64. The key-surround module inputting device according to claim **62** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

65. The key-surround module inputting device according to claim **62** wherein said base means, having a plurality of tracks, supports said nesting modules in curved arrangement in two groups of four nesting modules from left to right with said first, second, third and fourth nesting modules as the first group, and, said fifth, sixth, seventh, and eighth nesting modules as the second group, where said ninth nesting module is supported with one of said two groups and said plurality of key modules is supported in proximity to said two groups.

66. The key-surround module inputting device according to claim **65** wherein said key-surround keys are key-arrangement key-surround keys having a plurality of actuating constructs.

67. The key-surround module inputting device according to claim **65** wherein said key-surround keys are key-arrangement key-surround and floating plural direction pivotable keys having a plurality of actuating constructs.

68. A device for inputting data including controls to a computer or other equipment comprising of:

      a display depicting a middle key, a key-surround key which surrounds to an extent said middle key, and, a background which surrounds to an extent said key-surround key.

69. A device for inputting data including controls to a computer or other equipment according to

claim **68** wherein said display has means to detect touch in a plurality of places on the surface of said display, and, a means for processing touch signals for a computer or other equipment.

70. A device for inputting data including controls to a computer or other equipment according to claim **68** also comprising of a touch panel which rests above said display, having a means to detect touch and the place of touch in relation to the depiction of said display, and, a means for generating a response in accordance to detected touch signals for a computer or other equipment.

71. A device for inputting data including controls to a computer or other equipment comprising of:

a display depicting a plurality of middle keys, a plurality of key-surround keys which surrounds to an extent said plurality of middle keys, and a background which surrounds to an extent said key-surround key.

72. A device for inputting data including controls to a computer or other equipment according to claim **71** wherein said display has means to detect touch in a plurality of places on the surface of said display, and, a means for processing touch signals for a computer or other equipment.

73. A device for inputting data including controls to a computer or other equipment according to claim **71** also comprising of a touch panel which rests above said display, having a means to detect touch and the place of touch in relation to the depiction of said display, and, a means for generating a response in accordance to detected touch signals for a computer or other equipment.

74. A device for inputting data including controls to a computer or other equipment comprising of:

a display depicting a plurality of rest-position middle keys, and, depicting a plurality of key-surround keys which surrounds to an extent said plurality of middle keys, where said plurality

of key-surround keys surrounds said plurality of middle keys such that all key-values of said plurality of rest-position middle keys and all key-values of said plurality of key-surround keys inputted by the same inputting finger are in proximity to one another.

75. A device for inputting data including controls to a computer or other equipment according to claim 74 wherein said display has means to detect touch in a plurality of places on the surface of said display, and, a means for processing touch signals for a computer or other equipment.

76. A device for inputting data including controls to a computer or other equipment according to claim 74 also comprising of a touch panel which rests above said display, having a means to detect touch and the place of touch in relation to the depiction of said display, and, a means for generating a response in accordance to detected touch signals for a computer or other equipment.

77. A device for inputting data including controls to a computer or other equipment comprising of:

a display depicting the following, with first and second, third, fourth, fifth, sixth, seventh and eighth nesting modules in same said numerical order from left to right:

a first nesting module having a middle key with the key-values for "A", and, a first key-surround key having the key-values for "Q", "Z", "Tab", "CapsLock" and "Shift" which surrounds to an extent said middle key, and, a second key-surround key having the key-values for "1", "!", "@", "2","Shift", "Ctrl", "~" and "", which surrounds to an extent said middle key and said first key-surround key, and, a third key-surround key having the key-values for "Esc" and "F1", which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, where said middle key, said first key-surround key, said second key-surround key, said third key-surround key are depicted such that one nests within the other, and

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a second nesting module having a middle key with the key-values for "S", and, a first key-surround key having the key-values for "W" and "X", which surrounds to an extent said middle key, and, a second key-surround key having the key-values for "#", "3", and "Alt", which surrounds to an extent said middle key and said first key-surround key, and, a third key-surround key having the key-value for "F2", which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and,where said middle key, said first key-surround key, said second key-surround key, said third key-surround key are depicted such that one nests within the other, and

a third nesting module having a middle key with the key-values for "D", and, a first key-surround key having the key-values for "E" and "C", which surround to an extent said middle key, and, a second key-surround key having the key-values for "$" and "4", which surrounds to an extent said middle key and said first key-surround key, and, a third key-surround key having the key-value for "F3", which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, where said middle key, said first key-surround key, said second key-surround key, said third key-surround key are depicted such that one nests within the other, and

a fourth nesting module having a middle key with the key-values for "F", and, a first key-surround key having the key-values for "R", "T", "G", "B", "V", which surround to an extent said middle key, and, a second key-surround key having the key-values for "%", "5", "^" and "6", which surrounds to an extent said middle key and said first key-surround key, and, a third key-surround key having the key-values for "F4" and "F5", which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, where said middle key,

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said first key-surround key, said second key-surround key, said third key-surround key are

depicted such that one nests within the other, and where said middle key, said first key-surround

key, said second key-surround key, said third key-surround key are depicted such that one nests

within the other, and

a fifth nesting module having a middle key with the key-values for "J", and, a first key-

surround key having the key-values for "U", "Y", "H", "N", "M", which surround to an extent

said middle key, and, a second key-surround key having the key-values for "7" and "&", which

surrounds to an extent said middle key and said first key-surround key, and, a third key-surround

key having the key-value for "F6" and "F7", which surrounds to an extent said middle key, said

first key-surround key and said second key-surround key, and, where said middle key, said first

key-surround key, said second key-surround key, said third key-surround key are depicted such

that one nests within the other, and

a sixth nesting module having a middle key with the key-values for "K" and inputting

means for inputting data including controls to a computer or equipment, and, a first key-surround

key having the key-values for "I", "<" and ",", which surrounds to an extent said middle key and

which has inputting means for inputting data including controls to a computer or equipment, and,

a second key-surround key having the key-values for "*" and "8", which surrounds to an extent

said middle key and said first key-surround key, and, a third key-surround key having the key-

value for "F8", which surrounds to an extent said middle key, said first key-surround key and said

second key-surround key, and,where said middle key, said first key-surround key, said second

key-surround key, said third key-surround key are depicted such that one nests within the other,

and

a seventh nesting module having a middle key with the key-value for "L", and, a first key-surround key having the key-values for "O", ">" and "." , which surround to an extent said middle key, and, a second key-surround key having the key-values for "(" and "9", which surrounds to an extent said middle key and said first key-surround key, and, a third key-surround key having the key-value for "F9", which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, where said middle key, said first key-surround key, said second key-surround key, said third key-surround key are depicted such that one nests within the other, and

an eighth nesting module having a middle key with the key-values for ";", and, a first key-surround key having the key-values for "P", "{", "[", "}", "]", "|", "\", """", "'" , "?", "/", which surround to an extent said middle key, and, a second key-surround key having the key-values for ")", "0", "-", "_", "+", "=", "Shift", "Backspace", "Ctrl" and "Esc", which surrounds to an extent said middle key and said first key-surround key, and, a third key-surround key having the key-values for "F10", "F11" and "F12", which surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, where said middle key, said first key-surround key, said second key-surround key, said third key-surround key are depicted such that one nests within the other, and

a ninth nesting module having a middle cursor navigating device, and, a first key-surround key having the key-values for "Home", "PgUp", "PgDn", and "End", which surrounds to an extent said middle key, and, a second key-surround key having the key-values for "Up", "Down", "Left" and "Right", and where said second key-surround key to an extent said middle key and said first key-surround key, a third key-surround key having the key-value for "Enter", where said

third key-surround key surrounds to an extent said middle key, said first key-surround key and said second key-surround key, and, where said middle key, said first key-surround key, said second key-surround key, said third key-surround key are depicted such that one nests within the other, and

a plurality of key modules consisting of middle keys having the key-values for more frequently used keys such as for "Enter", "Space", "Backspace", "Shift", and "Esc", where said plurality of nesting modules are depicted in proximity to said first through ninth nesting modules.

78. A device for inputting data including controls to a computer or other equipment according to claim 77 wherein said display has means to detect touch in a plurality of places on the surface of said display, and, a means for processing touch signals for a computer or other equipment.

79. A device for inputting data including controls to a computer or other equipment according to claim 77 also comprising of a touch panel which rests above said display, having a means to detect touch and the place of touch in relation to the depiction of said display, and, a means for generating a response in accordance to detected touch signals for a computer or other equipment.

80. The key-surround module inputting device of claim **78** wherein said nesting modules are depicted in curved arrangement, and, wherein said nesting modules are depicted apart in two groups of four nesting modules beginning from left to right with said first, second, third and fourth nesting modules as the first group and said fifth, sixth, seventh, eighth nesting modules as the second group, and, wherein said ninth nesting module is depicted with one of said two groups, and, wherein said plurality of key modules is depicted in curved arrangement with said two groups.

81. The key-surround module inputting device of claim **79** wherein said nesting modules are

depicted in curved arrangement, and, wherein said nesting modules are depicted apart in two

groups of four nesting modules beginning from left to right with said first, second, third and

fourth nesting modules as the first group and said fifth, sixth, seventh, eighth nesting modules as

the second group, and, wherein said ninth nesting module is depicted with one of said two groups,

and, wherein said plurality of key modules is depicted in curved arrangement with said two

groups.

82. A device for inputting data including controls to a computer or other equipment comprising

of:

a display depicting the following, with first and second nesting modules in same said

numerical order from left to right:

a first nesting module having from left to right on the nesting module a middle key with

the key-values for "A", a middle key with the key-values for "S", a middle key with the key-

values for "D" and a middle key with the key-values for "F", and, a first key-surround key having

the key-values for "Q", "Z", "Tab","CapsLock" and "Shift", "W", "X", "E", "C", "R", "T", "G",

"B", "V", and, where said first key-surround key surrounds to an extent said middle keys, and, a

second key-surround key having the key-values for "1", "!", "@", "2","Shift", "Ctrl", "~", "`",

"#", "3", "Alt", "$", "4", "%", "5", "^" and "6", and, where said second key-suround surrounds

to an extent said middle keys and said first key-surround key, a third key-surround key having the

key-values for "Esc" and "F1", "F2", "F3", "F4", and "F5", and, where said third key-surround

key surrounds to an extent said middle keys, said first key-surround key and said second key-

surround key, and, where said middle key, said first key-surround key, said second key-surround

key, said third key-surround key are depicted such that one nests within the other, and

a second nesting module having from left to right a middle key with the key-values for "J",

a middle key with the key-values for "K" and inputting means for inputting data including controls

to a computer or equipment, a middle key with the key-values for "L" and a middle key with the

key-values for ";", and a first key-surround key having the key-values, but not limited to the key-

values, for "U", "Y", "H", "N", "M","I", "<", ",","O", ">", "." "P", "{", "[", "}", "]", "|", "\",

"'", "''" , "?", and "/", and, where said first key-surround key surrounds to an extent said middle

keys, and a second key-surround key having the key-values for "7", "&", "*", "8", "(", "9", ")",

"0", "-", "_", "+", "=", "Shift", "Backspace", "Ctrl" and "Esc", and, where said second key-

suround key surrounds to an extent said middle keys and said first key-surround key, a third key-

surround key having the key-values for F6", "F7", "F8", "F9, "F10, "F11 and "F12", and, where

said third key-surround key surrounds to an extent said middle keys, said first key-surround key

and said second key-surround key, and,where said middle key, said first key-surround key, said

second key-surround key, said third key-surround key are depicted such that one nests within the

other, and

a third nesting module having a middle cursor navigating device and inputting means for

inputting data including controls to a computer or equipment, and, a first key-surround key having

the key-values for "Home", "PgUp", "PgDn", and "End", where said first key-surround key

surrounds to an extent said middle key and which has inputting means for inputting data including

controls to a computer or equipment, and, a second key-surround key having the key-values for

"Up", "Down", "Left" and "Right", where said second key-surround key surrounds to an extent

said middle key and said first key-surround key, a third key-surround key having the key-value for

"Enter", where said third key-surround key surrounds to an extent said middle key, said first key-

surround key and said second key-surround key, and, which has inputting means for inputting data including controls to a computer or other equipment, and, where said third key-surround key surrounds to an extent said middle keys, said first key-surround key and said second key-surround key, and, where said middle key, said first key-surround key, said second key-surround key, said third key-surround key are depicted such that one nests within the other, and

a plurality of key modules consisting of middle keys having the key-values for more frequently used keys such as for "Enter", "Space", "Backspace", "Shift", and "Esc" on the conventional keyboard of any language, and, where said plurality of nesting modules are depicted in proximity to said first through third nesting modules.

83. A device for inputting data including controls to a computer or other equipment according to claim **82** wherein said display has means to detect touch in a plurality of places on the surface of said display, and, a means for processing touch signals for a computer or other equipment.

84. A device for inputting data including controls to a computer or other equipment according to claim **82** also comprising of a touch panel which rests above said display, having a means to detect touch and the place of touch in relation to the depiction of said display, and, a means for generating a response in accordance to detected touch signals for a computer or other equipment.

85. The key-surround module inputting device of claim **83** wherein said nesting modules are depicted in curved arrangement, and, wherein said nesting modules are depicted apart in two groups of four nesting modules beginning from left to right with said first, second, third and fourth nesting modules as the first group and said fifth, sixth, seventh, eighth nesting modules as the second group, and, wherein said ninth nesting module is depicted with one of said two groups, and, wherein said plurality of key modules is depicted in curved arrangement with said two

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groups.

86. The key-surround module inputting device of claim **84** wherein said nesting modules are depicted in curved arrangement, and, wherein said nesting modules are depicted apart in two groups of four nesting modules beginning from left to right with said first, second, third and fourth nesting modules as the first group and said fifth, sixth, seventh, eighth nesting modules as the second group, and, wherein said ninth nesting module is depicted with one of said two groups, and, wherein said plurality of key modules is depicted in curved arrangement with said two groups.

87. A method for data and controls inputting to a computer or other equipment with a key-module inputting device comprising of:

placing a finger upon the key-surround module inputting device such that said finger rests on a nested middle key, and

extending said finger from said middle key in one of a plurality of direction, and

striking a key-surround key in order to input one of a plurality of key values, where said key-surround key surrounds to an extent any said nested middle key.

88. A method for data and controls inputting to a computer or other equipment with a key-module inputting device comprising of:

placing hands upon the key-surround module inputting device such that the inputting fingers of each hand rest on a plurality of nested middle keys, and

extending any finger from any of said plurality of nested middle keys in one of a plurality of direction, and

striking one of a plurality of key-surround keys in order to input one of a plurality of key-

values, where said one of a plurality of key-surround keys surrounds to an extent any one of said

middle keys.